

REPLACEMENT SHEET

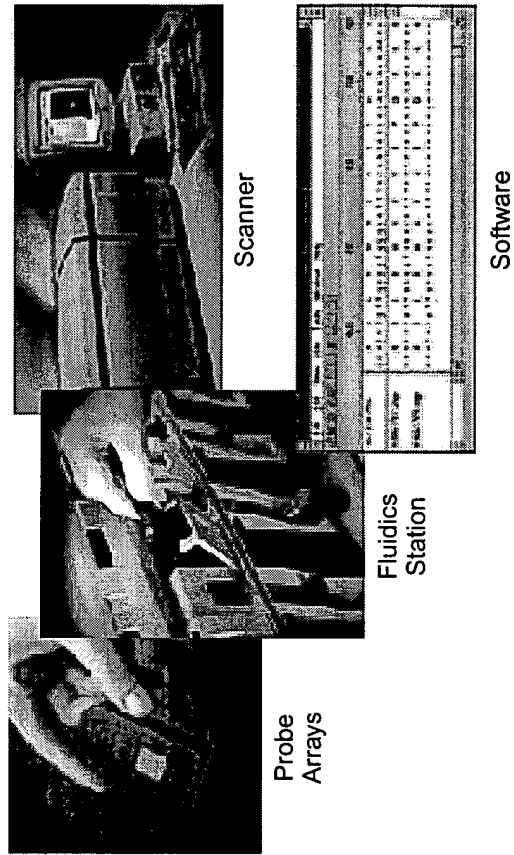


FIGURE 1



REPLACEMENT SHEET

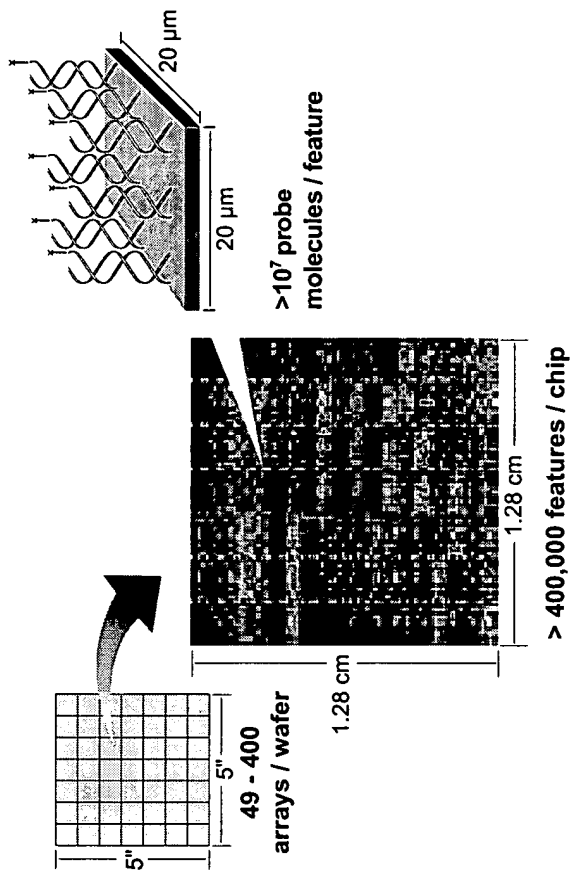


FIGURE 2



REPLACEMENT SHEET

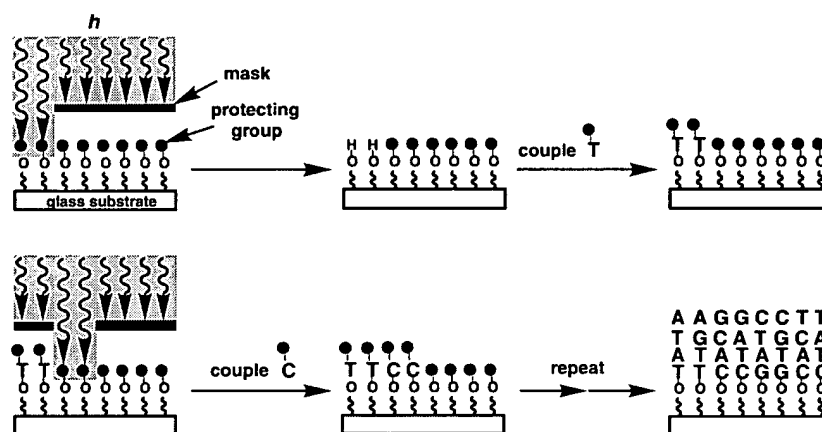


FIGURE 3

REPLACEMENT SHEET

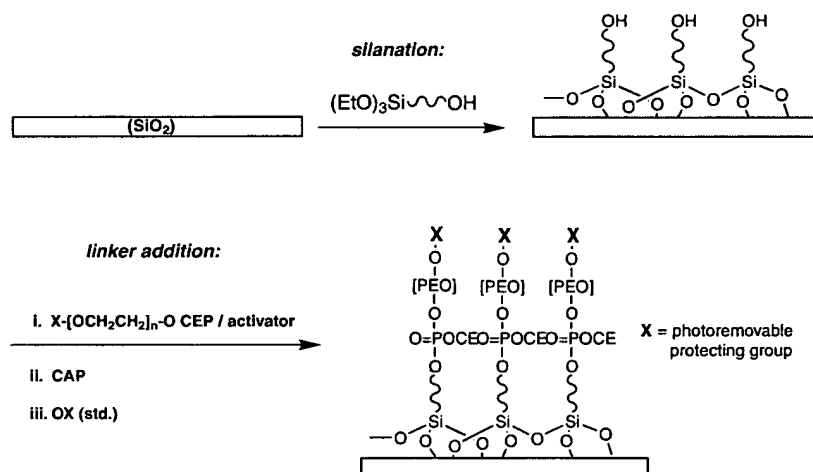


FIGURE 4

REPLACEMENT SHEET

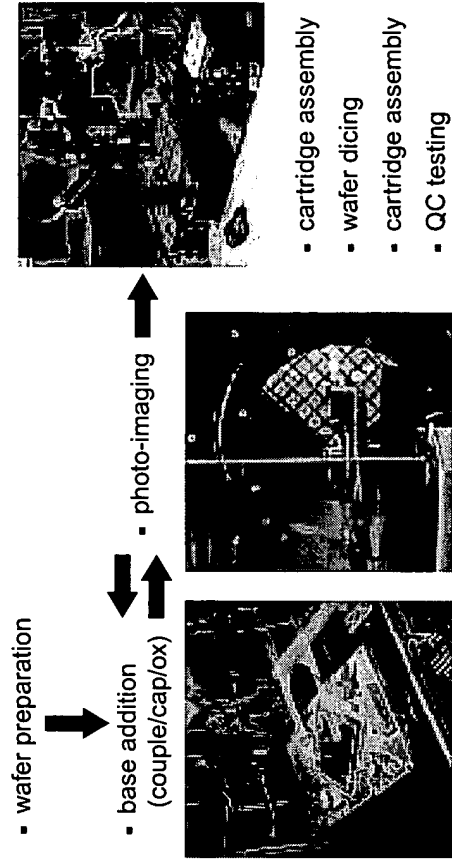


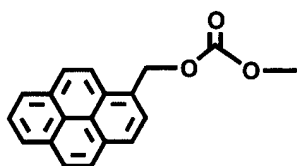
FIGURE 5



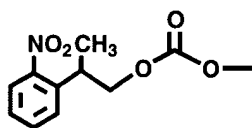
REPLACEMENT SHEET



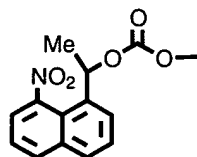
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PYMOC (ref 10)



NPPOC (refs . 11,13)



NNEOC (ref. 8)

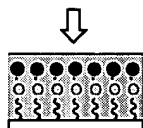
FIGURE 8

REPLACEMENT SHEET

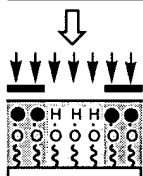
Derivatized
Glass
Substrate



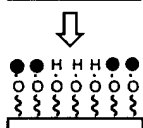
Apply PAG-
Polymer Film



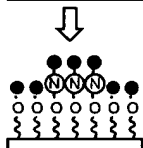
Expose PAG-
Polymer Film



Strip PAG-
Polymer Film



Couple next
DMT-nucleotide



● = DMT

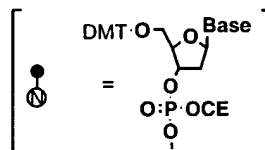
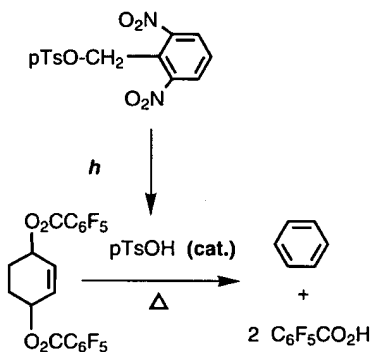


FIGURE 9

REPLACEMENT SHEET

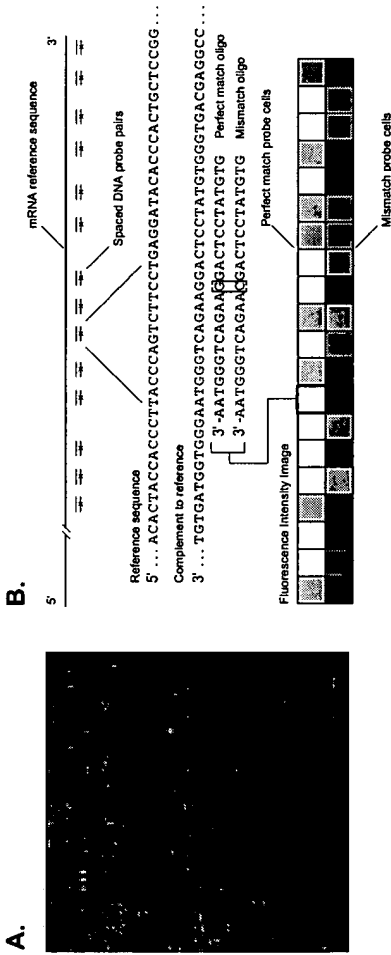


FIGURE 10



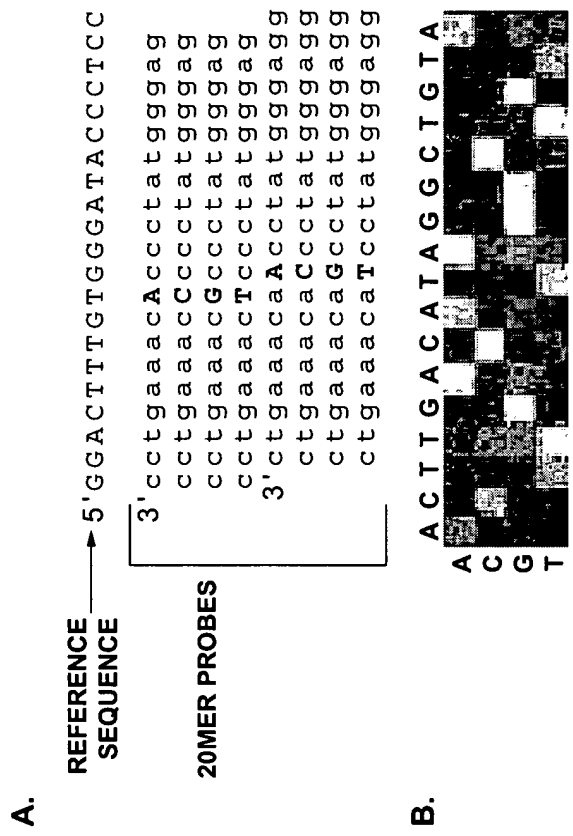


FIGURE 11

REPLACEMENT SHEET

A.

-4	-1	0	+1	+4
MM A	MM A	MM*	MM A	MM A
PM A	PM A	PM A	PM A	PM A
PM B	PM B	PM B	PM B	PM B
MM B	MM B	MM*	MM B	MM B

B.

REFERENCE
SEQUENCE . . . GGTGATTATGAACCTACTAT . . .

PROBE SEQUENCE

ALLELE A CC ACTAATAC **A** TGGGATGATA MMA
 CC ACTAATAC **T** TGGGATGATA PMA
 ALLELE B CC ACTAATAC **C** TGGGATGATA PMB
 CC ACTAATAC **G** TGGGATGATA MMB

C.

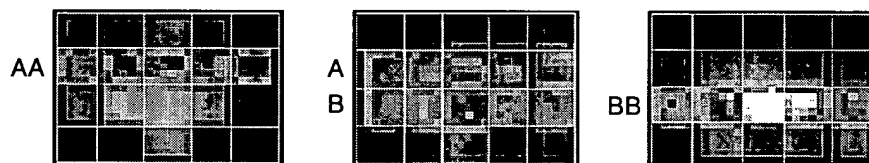


FIGURE 12

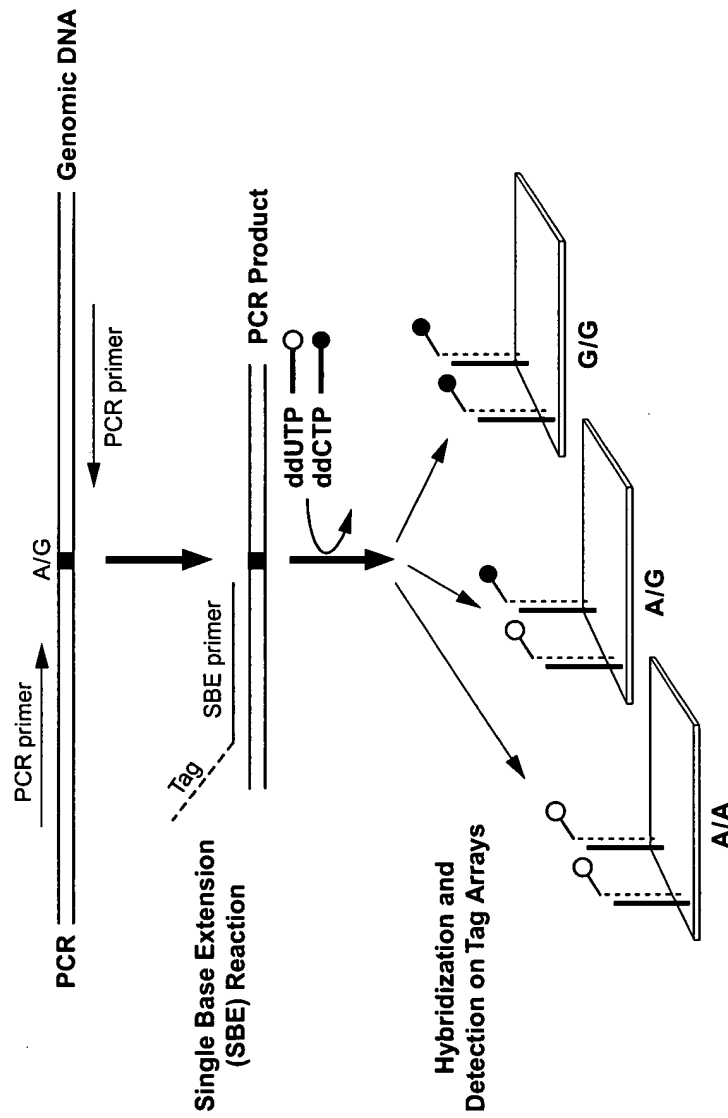


FIGURE 13

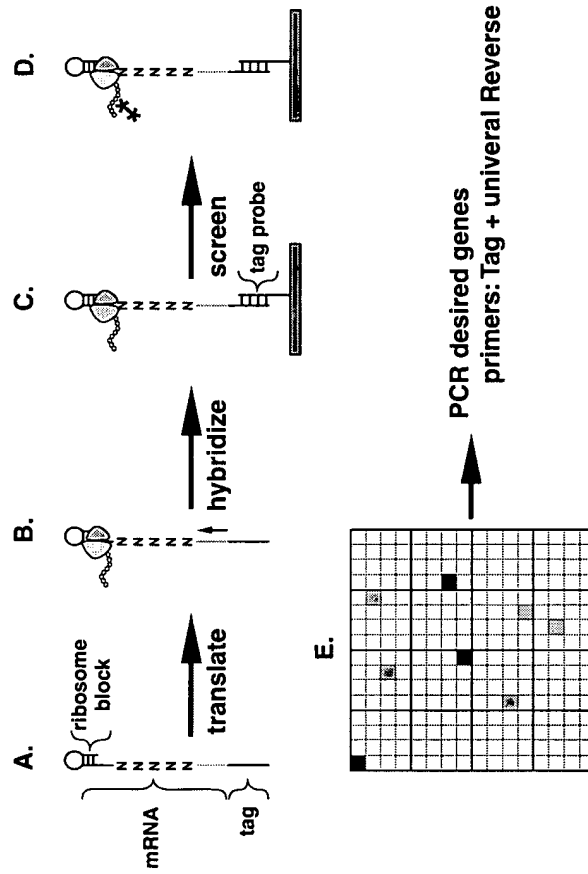


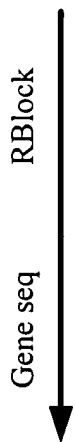
FIGURE 14

REPLACEMENT SHEET

Forward Primer



Reverse Primer



A



PCR ↓

B



Txn ↓

C



Translation ↓

D

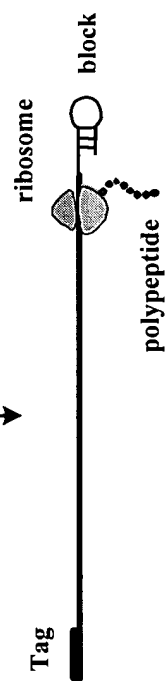


Figure 15

